

ABSTRACT OF THE DISCLOSURE

Disclosed is an illumination system for illuminating a surface by use of light from a light source, which includes an emission angle conserving optical unit effective to emit the light from the light source at a constant divergent angle, and a diffractive optical element for producing a desired light intensity distribution on a predetermined plane, wherein the diffractive optical element is disposed at or adjacent a position where light from the emission angle conserving optical unit is collected.

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